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- (a) a porous carrier comprising a detection zone;
- (b) a capture reagent effective to capture analyte in the detection zone, said capture occurring after the liquid sample has been applied to the device if said analyte is present in the liquid sample;
- (c) a labeled binding reagent comprising a particulate label portion and a binding portion, wherein said labeled binding reagent and said capture reagent combine with analyte, if present, to form an immobilized and directly-detectable product in the detection zone; and
- (d) a macroporous body disposed such that a liquid sample applied to the macroporous body will flow along a flow path extending from the macroporous body and into the dry porous carrier at a location separated from the detection zone, wherein the macroporous body contains the labeled binding reagent, said labeled specific binding reagent being freely mobile within the macroporous body when the macroporous body is wetted with the liquid sample.

REMARKS

This paper is in supplementation to the amendments filed November 4, 2002 and December 23, 2002 for the above-captioned application. Amendments are made to claims 84 and 87 to address formal issues in view of the Examiner's comments during a telephone conversation with Applicants' attorney on March 6, 2003. In addition, as discussed, claim 88 is added which tracks claim 84, but for the omission of the specific recitation of the housing.

Entry of this amendment and consideration of claims 26-88 are respectfully requested.

Respectfully Submitted,

A handwritten signature in cursive script, reading "Marina T. Larson", is written over a horizontal line.

Marina T. Larson, Ph.D.
Attorney for Applicant(s)
Reg. No. 32,038

(970) 468-6600

MARKED UP COPY OF AMENDED CLAIMS

84. (amended) A device for analyzing a liquid sample suspected of containing an analyte, comprising a housing, having disposed therein:

- (a) a porous carrier comprising a detection zone;
- (b) a capture reagent effective to capture analyte in [a] the detection zone, said capture occurring after the liquid sample has been applied to the device if said analyte is present in the liquid sample;
- (c) a labeled binding reagent comprising a particulate label portion and a binding portion, wherein said labeled binding reagent and said capture reagent combine with analyte, if present, to form an immobilized and directly-detectable product in the detection zone; and
- (d) a macroporous body disposed such that a liquid sample applied to the macroporous body will flow along a flow path extending from the macroporous body and into the dry porous carrier at a location separated from the detection zone, wherein the macroporous body contains the labeled binding reagent, said labeled specific binding reagent being freely mobile within the macroporous body when the macroporous body is wetted with the liquid sample.

87. (amended) In a device for detection of an analyte in a sample, in which a liquid sample is applied to a porous carrier comprising a detection zone and a sandwich complex is formed in [a] the detection zone when analyte is present, said sandwich complex comprising a labeled binding reagent, the analyte and an immobilized capture reagent, the improvement wherein the device further comprises a macroporous body disposed such that a liquid sample applied to the macroporous body will flow along a flow path extending from the macroporous body and into the porous carrier at a location separated from the detection zone, wherein the macroporous body contains the labeled binding reagent, said labeled binding reagent being freely

mobile within the macroporous body when the macroporous body is wetted with the liquid sample.